## **AMENDMENTS TO THE CLAIMS**

## 1-50. (Canceled)

- 51. (Currently Amended) A method for managing a defective unit on a recording medium, the recording medium including a first management area being a temporary management area, a second management area and a data area, the data area having a spare area, the method comprising:
- (a) writing data written in the defective unit onto a replacement unit in the spare area if the defective unit is detected within the data area; and
- (b) writing first management information and second management information onto the first management area, the first management information including a location of at least the defective unit and the replacement unit, and the second management information including a location of the first management information;
- (c) updating the first and second management information based on the steps (a) and (b) until the recording medium is to be finalized; and
- (d) writing, at finalization of the recording medium, the updated first and second management information written in the first management area onto the second management area, wherein during the writing step (d) the updated second management information is modified to include a location of the first management information written in the second management area.

## 52 -53. (Canceled)

- 54. (Previously Presented) The method as claimed in claim 51, wherein the first management area is located outside of the data area.
- 55. (Currently Amended) An Apparatus for managing a defective unit on a recording medium, the recording medium including a first management area being a temporary management area, a second management area and a data area having a spare area, the apparatus comprising:

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an optical pickup for configured to writing/readingwrite/read data to/from the recording

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medium;

a servo unit for configured to controlling control the pickup to maintain a distance

between the pickup and the recording medium; and

a controller for configured to controlling control the servo unit and pickup to write data

written in the defective unit onto a replacement unit in the spare area if the defective unit is

detected within the data area, and to write first management information including a location of

at least the defective unit and the replacement unit and second management information

including a location of the first management information onto the first management area,

wherein the controller updates the first and second management information until the recording medium is to be finalized, and writes the updated first and second management information written in the first management area onto the second management area at finalization of the recording medium, wherein the updated second management information is

modified to include a location of the first management information written in the second

management area.

56. (Canceled)

57. (Currently Amended) A recording medium, comprising:

at least one recording layer including a lead-in area, a data area and a lead-out area, the

data area including at least one spare area, the spare area allocated on an inner and/or outer

portion of the data area for replacement-writing data written in a defective unit of the data area

onto a replacement unit in the spare area;

at least one first management area allocated within the data area and/or outside of the

data area for temporarily writing first management information and second management

information, the first management information including a location of at least the defective unit

and replacement unit and second management information including a location of the first

management information, wherein the first and second management information is updated in

the first management area until the recording medium is to be finalized; and

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at least one second management area allocated outside of the data area,

wherein the last updated first and second management information written in the first management area is written in the second management area at finalization of the recording medium, and the updated second management information is modified to include a location of the first management information written in the second management area.

58-62. (Canceled)

63. (Currently Amended) A write-once recording medium, comprising:

at least one recording layer including a lead-in area, a data area and a lead-out area, the data area including at least one spare area having a replacement unit, the spare area allocated on an inner and/outer portion of the data area for replacement-writing data written in a defective unit of the data area onto the replacement unit;

at least one temporary defect management area (TDMA) allocated within the data area and/or outside of the data area for writing temporary defect list (TDFL) pertaining to the defective unit and writing temporary disc definition structure (TDDS) including information indicating a location of the temporary defect list (TDFL); and

at least one defect management area (DMA) allocated in the lead-in area and/or the lead-out area for writing therein last written TDFL and TDDS from the TDMA as a defect list (DFL) and a disc definition structure (DDS) respectively when the write-once recording medium is to be finalized, wherein the DDS is modified to include a location of the DFL instead of the location of the TDFL.

64. (Previously Presented) The write-once recording medium as claimed in claim 63, wherein the write-once recording medium is finalized when a user data area of the data area is full.